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IN - NAMITE YOSHIHIRO;KATSUTA YOSHIO
PA - DAINIPPON JOCHUGIKU CO LTD
TI - INSECTICIDAL MAT FOR LONG TIME AND METHOD FOR THERMAL VOLATILIZING INSECTICIDAL METHOD USING THE SAME
AB - PROBLEM TO BE SOLVED: To provide a thermal volatilizing system applicable to a conventional electric mosquito-repellent tool equipped with a heat radiating plate having the nearly same area as that of a mat, usable together with a conventional mat for one day and capable of sustaining stable insecticidal efficacies over a long time of ≥ 5 days.
- SOLUTION: This insecticidal mat for a long time is obtained by laminating a pulp plate or a plastic plate having 1.5-3.0 mm thickness, a length in the longitudinal direction nearly equal to that of the mat, the length in the transverse direction of 0.3-0.6 the overall length of the mat and $\leq 0.30 \text{ Wm}^{-1} \text{ K}^{-1}$ thermal conductivity at 300 K from one lateral end in the transverse direction to the inside onto the base of the mat made of a pulp and having 20-24 mm length, 32-38 mm breadth and 2.0-3.0 mm thickness. The resultant laminate having a clip for fixing the mat in one lateral end in the transverse direction comprises ≥ 50 mg of a pyrethroid insecticidal ingredient and a volatilization regulator in a weight ratio of ≥ 0.3 based on the pyrethroid insecticidal ingredient. The thermal volatilizing insecticidal method comprises using the insecticidal mat.
I - A01N25/34 ;A01M1/20 ;A01N25/18 ;A01N53/02 ;A01N53/04